

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	("3151905"   "3166333"   "3704894"   "4961480"   "5092647"   "5419217"   "5487680"   "5540450"   "5588260").PN. OR ("6051794").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/24 22:24
L2	21	("3277234"   "4947010"   "5279507").PN. OR ("5487680").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/24 22:26
L3	1	("20060113852").PN.	US-PGPUB	OR	OFF	2007/01/24 22:42
L4	1	3 and (terminal adj sealing adj member)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 22:42
S1	0	("adachi.in.").PN.	US-PGPUB	OR	OFF	2007/01/24 13:11
S2	1323	adachi.in.	US-PGPUB	OR	OFF	2007/01/24 13:11
S3	6	S2 and motor and speed and control and connector.clm.	US-PGPUB	OR	OFF	2007/01/24 13:12
S4	1	("20060113852").PN.	US-PGPUB	OR	OFF	2007/01/24 22:42
S5	1	S4 and sealing	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 13:22
S6	0	S4 and ("installation adj opening")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 13:22
S7	1	S4 and (installation adj opening)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 13:24
S8	1	S4 and (connector adj supporting)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 13:26
S9	1	S4 and (outer adj surface)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 13:29
S10	1	S4 and (mechanism adj receiving adj portion)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 13:38
S11	2	"6398582"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 13:42

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S12	1	("2000220344").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/24 13:42
S13	1	("6398582").PN.	USPAT	OR	OFF	2007/01/24 14:47
S14	1	S13 and circuit	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 14:47
S15	9	("3166333"   "3880487"   "4571017"   "5487680"   "5540450"   "5605468"   "6051794").PN. OR ("6398582").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/24 16:59
S16	3032	(310/89,75r).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/24 17:01
S17	668	S16 and seal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 17:01
S18	3476	(310/89,75r,80).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/24 17:01
S19	738	S18 and seal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 17:01
S20	322	S19 and (connector\$1 or terminal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 17:16
S21	2730	h02k005/22	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 17:16
S22	2632	S21 not S18	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 17:16
S23	195	S22 and (seal or sealing)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 17:17
S24	195	S23 not S20	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 17:17

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S25	195	S23 not S20	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 17:17
S26	1319	kajima.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 17:26
S27	172871	yamamoto.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 17:26
S28	9478	yamamura.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 17:26
S29	1	S26 and S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/24 20:16
S30	1	("5485044").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/24 21:10
S31	1	("6756711").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/24 21:10

Ex. Notes

1/24/07

**PRELIMINARY AMENDMENT**

Please amend claims 1 to 12.

1. (Currently amended) A motor comprising:

a motor arrangement;

a speed reducing arrangement that includes:

a speed reducing mechanism that decelerates rotation of the motor arrangement; and

a speed reducing mechanism receiving <sup>20/21</sup>portion that receives the speed reducing mechanism;

a control circuit board that is received in the speed reducing mechanism receiving portion, wherein at least motor-side terminals for supplying electric power to the motor arrangement are mounted on the control circuit board as electrical circuit components; and

a connector housing, to which an external connector for <sup>45</sup>connecting with the motor-side terminals <sup>48</sup>is fitted, <sup>36</sup>wherein: the ~~motor being characterized in that:~~

<sup>45</sup>the connector housing is formed separately from the speed <sup>20/21</sup>reducing mechanism receiving portion;

<sup>45</sup>the connector housing at least includes:

a connector supporting member that supports the <sup>48</sup>external connector relative to the speed reducing mechanism <sup>20/21</sup>receiving portion; and

an installation opening sealing member <sup>50 [grommet]</sup>that is elastically deformable; and

the installation opening sealing member <sup>50</sup>is interposed

between the connector supporting member and an outer surface of  
the speed reducing mechanism receiving portion and is secured to  
a connector installation opening, which is formed in the speed  
reducing mechanism receiving portion.

Fig 5

2. (Currently amended) The motor according to claim 1, wherein:  
~~characterized in that:~~

the connector supporting member is formed into a tubular body and includes an annular flange portion, which protrudes outward from an outer peripheral surface of the connector supporting member; and

the installation opening sealing member is interposed between the flange portion and the outer surface of the speed reducing mechanism receiving portion, which is located around the connector installation opening.

3. (Currently amended) The motor according to claim 1, wherein:  
~~claim 1 or 2, characterized in that:~~

the connector supporting member is formed into a tubular body, which has a bottom that includes through holes for receiving the motor side terminals threethrough; and

a terminal sealing member is provided around the motor-side terminals, wherein the terminal sealing member is elastically deformable and is pressed against and brought into contact with the bottom of the connector supporting member.

4. (Currently amended) The motor according to claim 1 further